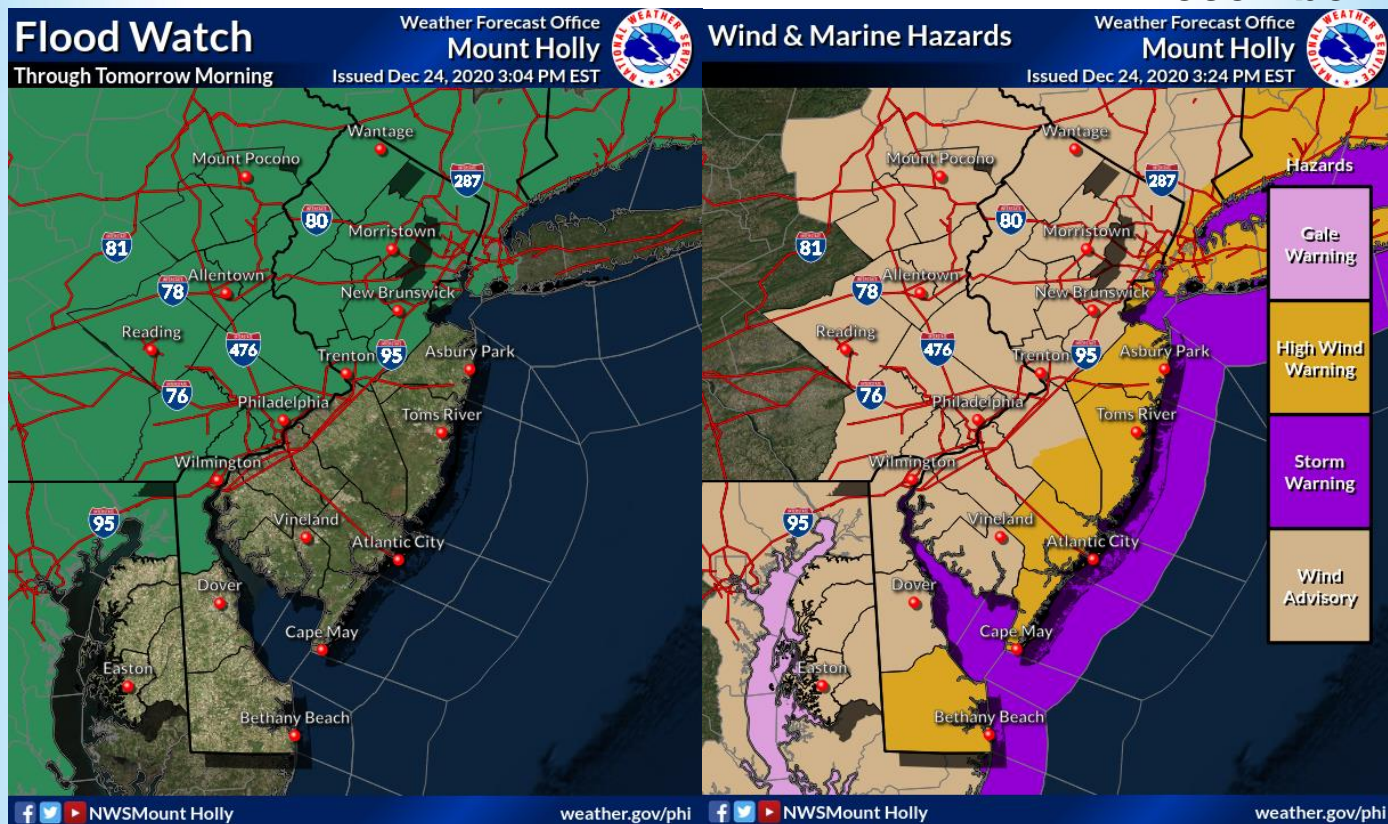


Heavy Rain/Strong Winds Late Today through Early Friday






**Decision Support
Briefing #4**
**As of 6 PM Thursday,
December 24, 2020**



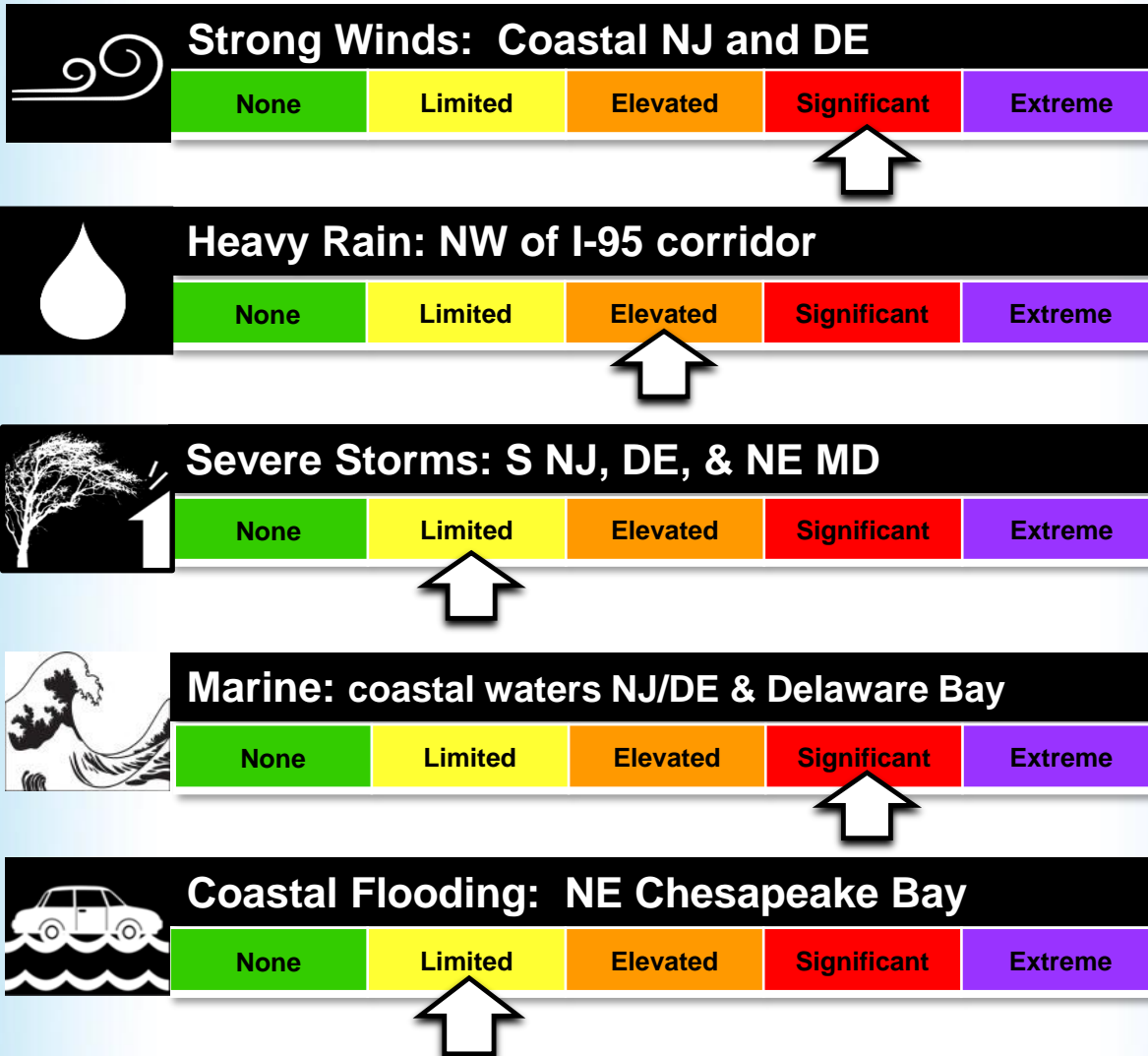
What Has Changed?

- ✓ *High wind warning expanded to include Sussex County DE*
- ✓ *Slightly lower concern for tidal flooding*

Main Points

Hazard	Impacts	Location	Timing
Strong Winds 	<p>Southerly winds 35 to 45 mph with gusts up to 70 mph in coastal areas. Southerly winds 20 to 30 mph with gusts up to 55 mph possible inland. Scattered power outages and instances of tree damage are likely.</p>	<p>Across the entire area; strongest winds near the Atlantic coast</p>	<p>Strongest winds are expected overnight tonight.</p>
Heavy Rainfall 	<p>Moderate to heavy rain with amounts between 1 and 3 inches. Locally higher amounts to near 4 inches. Urban, poor-drainage, and small stream flooding likely in the areas of heaviest rain; main stem river flooding possible.</p>	<p>Highest amounts are expected over eastern PA and northern NJ, though heavy rain is possible across the region.</p>	<p>The heaviest rain is expected through tomorrow morning. River flooding may lag behind the rain by several hours.</p>
Severe Thunderstorm 	<p>Isolated showers and storms may be accompanied by gusts of 60+ mph, causing isolated wind damage.</p>	<p>Southeast PA, southern NJ, DE, and northeastern MD.</p>	<p>Overnight</p>
Marine 	<p>Southerly winds 30 to 40 knots with storm force gusts up to 60 knots. Seas near 20 feet on the ocean.</p>	<p>Coastal waters of NJ and DE, and Delaware Bay.</p>	<p>Through tomorrow morning.</p>
Coastal Flooding 	<p>Spotty minor flooding is possible due to strong southerly flow.</p>	<p>Northeastern Chesapeake Bay</p>	<p>Tonight's high tide</p>

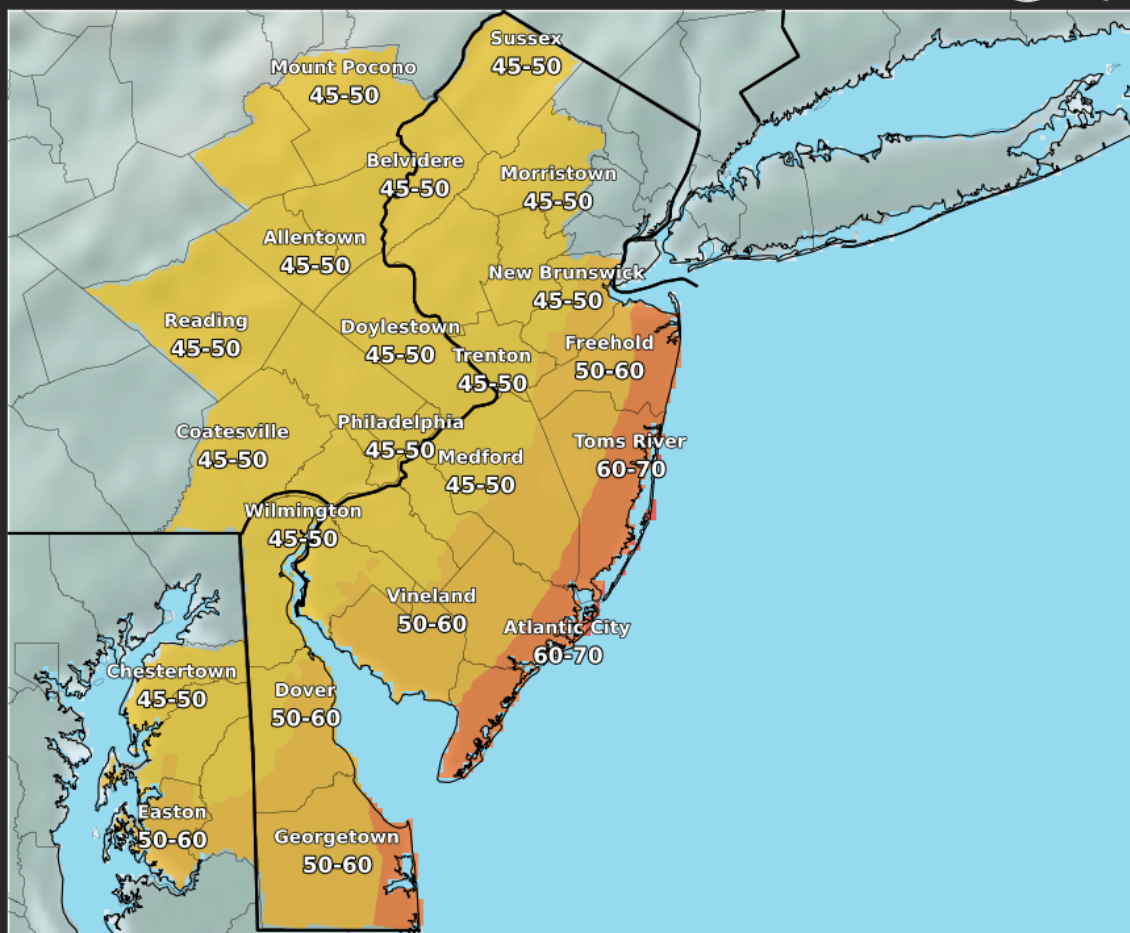
Summary of Greatest Impacts



Maximum Wind Gusts

Forecast Maximum Wind Gust

12/24/2020 01:00 PM - 12/25/2020 07:00 AM EST



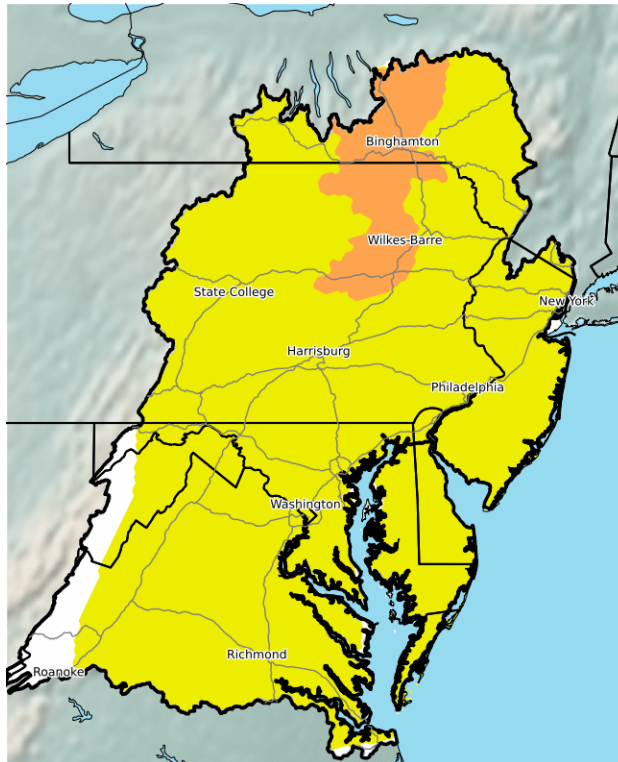
Created: 02:59 PM EST 12/24/2020

Speed (MPH)

weather.gov/phi

5-Day Significant River Flood Outlook

Valid: 12/24/2020 07:00 AM - 12/29/2020 07:00 AM EST



National Weather Service
Middle Atlantic RFC

12/24/2020 01:42 PM EST

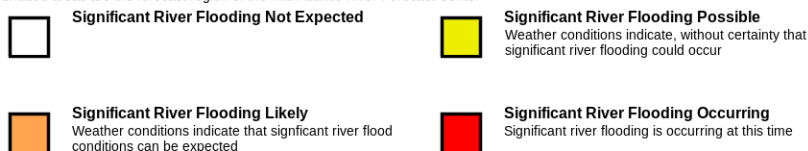
Follow Us:



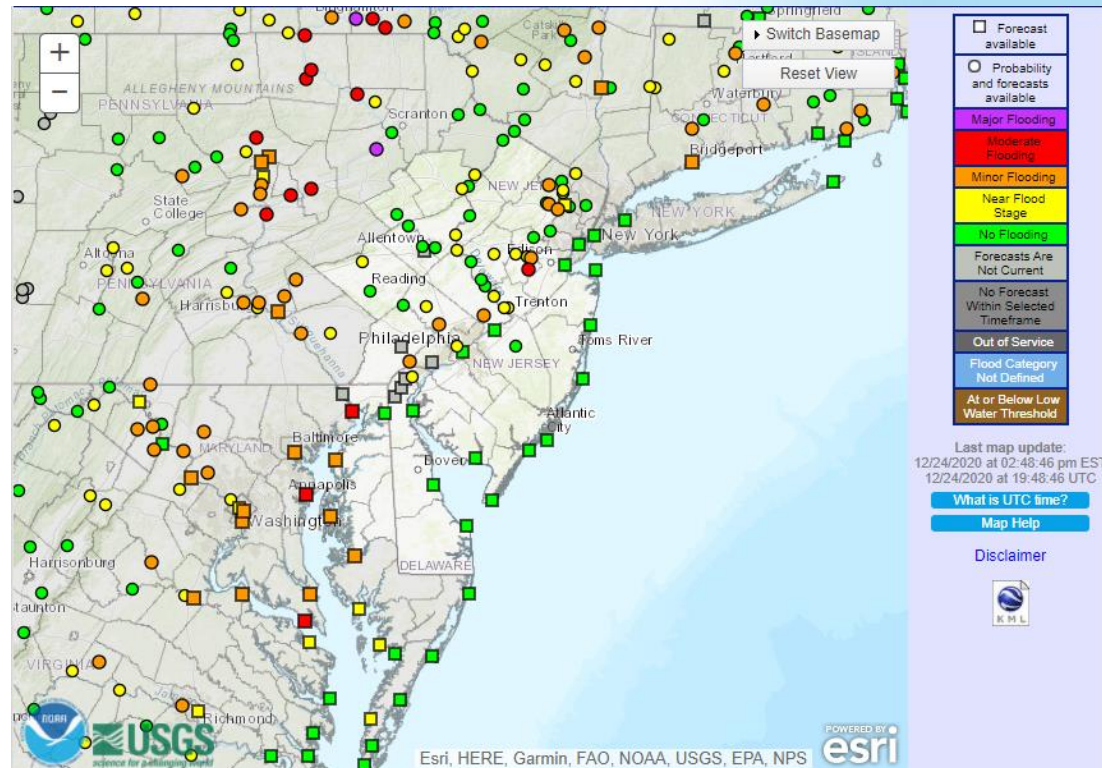
weather.gov/marfc

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.

Shaded areas are the forecast region of the Mid-Atlantic River Forecast Center



Flooding Potential



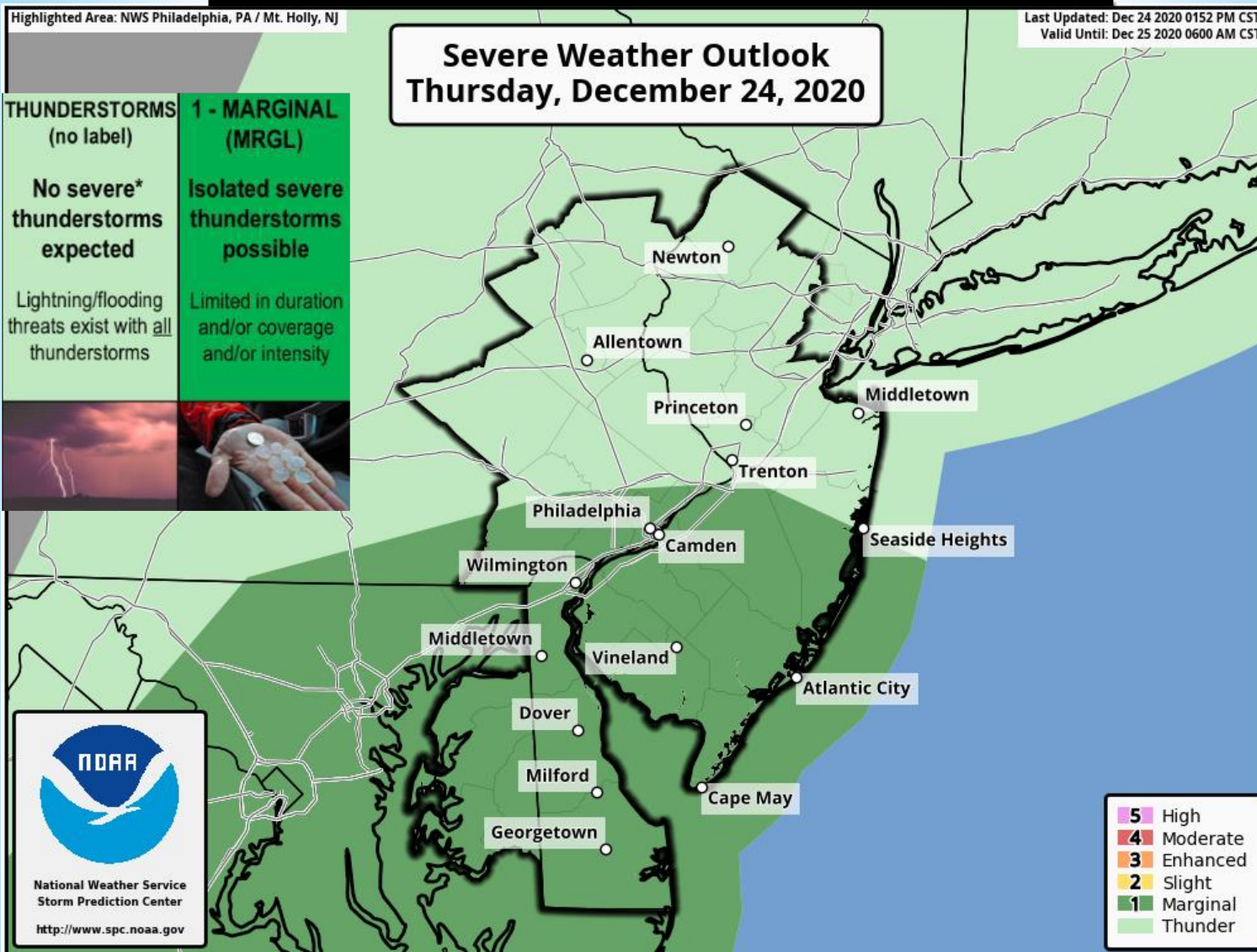
Maximum Forecast Flood Category through 12/30

For the latest version of this map, visit

<https://water.weather.gov/ahps2/forecasts.php?wfo=phi>

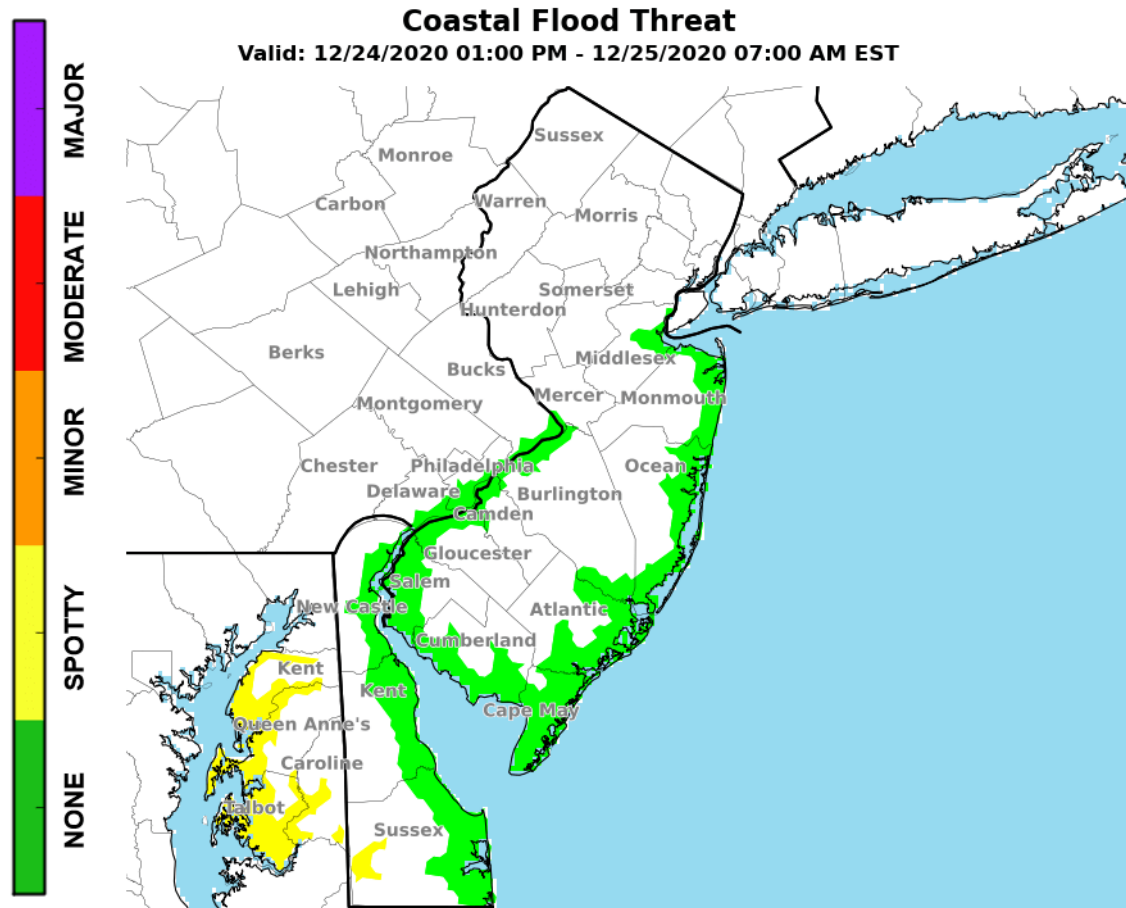


Severe Thunderstorm Outlook



Coastal Flooding

- ✓ Spotty minor flooding expected on the northeastern Chesapeake Bay overnight. Widespread minor flooding is still possible, but uncertain.
- ✓ Minor flooding possible on back bays elsewhere including Barnegat Bay and Little Assawoman Bay.



National Weather Service
Mount Holly, NJ
12/24/2020 03:10 PM EST

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Event Summary

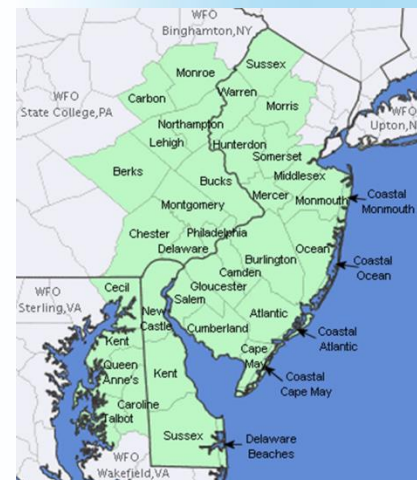
- ✓ A strong storm system will impact our region through tomorrow morning with several weather impacts expected:
 - ✓ *Heavy rain and warm temperatures leading to rapid snowmelt and areas of flooding, especially northwest of the urban corridor.*
 - ✓ *Strong winds (outside of storms) could result in power outages and tree damage. Travel will be difficult especially in high profile vehicles*
 - ✓ *Isolated showers/storms could briefly enhance wind speeds even further*
 - ✓ *Spotty minor tidal flooding possible on the northeast shore of Chesapeake Bay.*

Contact and Next Briefing Information



Next Briefing Final Briefing

Briefing Webpage:
www.weather.gov/media/phi/current_briefing.pdf



Web:
www.weather.gov/phi



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